STATE BUILDING CODE COUNCIL

Log No. <u>14-E25</u>

1. State Building Code to be Amended:	
☐ International Building Code	X State Energy Code
☐ ICC ANSI A117.1 Accessibility Code	☐ International Mechanical Code
☐ International Existing Building Code	☐ International Fuel Gas Code
☐ International Residential Code	☐ NFPA 54 National Fuel Gas Code
☐ International Fire Code	☐ NFPA 58 Liquefied Petroleum Gas Code
Uniform Plumbing Code	☐ Wildland Urban Interface Code
Section(s): Table C402.1.2 Table 402.2 Title: Opaque Thermal Envelope Assembly R	Requirements

2. Proponent Name (Specific local government, organization or individual):

Proponent: Patrick C. Hayes**Title:** Energy Consultant

Date: 03-01-2014

3. Designated Contact Person:

Name: Patrick C. Hayes **Title:** Energy Consultant

Address: PO Box 65052, Seattle, WA 98155

Office Phone: 206.819.7684

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E-Mail address: patrickchayes1@msn.com

4. Proposed Code Amendment. Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert <u>new</u> sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code additional pages may be attached. (Examples on the SBCC <u>website</u>)

Code(s) 2012 WSEC Section(s) C402.3.1

6.

Enforceable code language must be used; see an example by clicking here.

Amend section to read as follows: Add footnote e. Mass wall group R only; e. Exception 1. On Midrise buildings at the Podium/transfer Concrete Deck, 40% of the SF of the mass wall created at the transfer deck slab edge shall be exempt for the UA calculations. This exception can only be used at one level of the podium/transfer deck of a building.

- 5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed. Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.
- 7. This exception is needed as these decks by code are uninsulated mass wall by definition, they cannot be insulated due to the structure of the building. When the parking below exceeds the footprint of the building above, or the building has court yard, these designs become difficult to qualify for compliance, but we need these designs to create the density that we want, in order to save energy as a whole. The energy code should not restrict high density yield on a particular project, there is more energy to be saved by utilizing higher density designs, that whether a slab edge is insulated or not.
- 8. Specify what criteria this proposal meets. You may select more than one.
 - The amendment is needed to address a critical life/safety need.
 - X The amendment is needed to address a specific state policy or statute.
 - X The amendment is needed for consistency with state or federal regulations.
 - X The amendment is needed to address a unique character of the state.
 - X The amendment corrects errors and omissions.

Explain:
If there is an economic impact, use the Table below to estimate the costs and savings of the propos

If there is an economic impact, use the Table below to estimate the costs and savings of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance. If preferred, you may submit an alternate cost benefit analysis.

	Construction ¹		Enforcement ²		Operations & Maintenance ³	
Building Type	Costs	Benefits ⁴	Costs	Benefits ⁴	Costs	Benefits ⁴
Residential						
Single family						
Multi-family						
Commercial/Retail						
Industrial						
Institutional						

Please send your completed proposal to: sbcc@ga.wa.gov

9. Is there an economic impact: \square Yes \square No

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.

¹ \$ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs that impact the total cost of the construction to the owner/consumer.

² Cost per project plan. Attach data. Enforcement costs include governmental review of plans, field inspection, and other action required for enforcement.

³ Cost to building owner/tenants over the life of the project.

⁴ Measurable benefit.